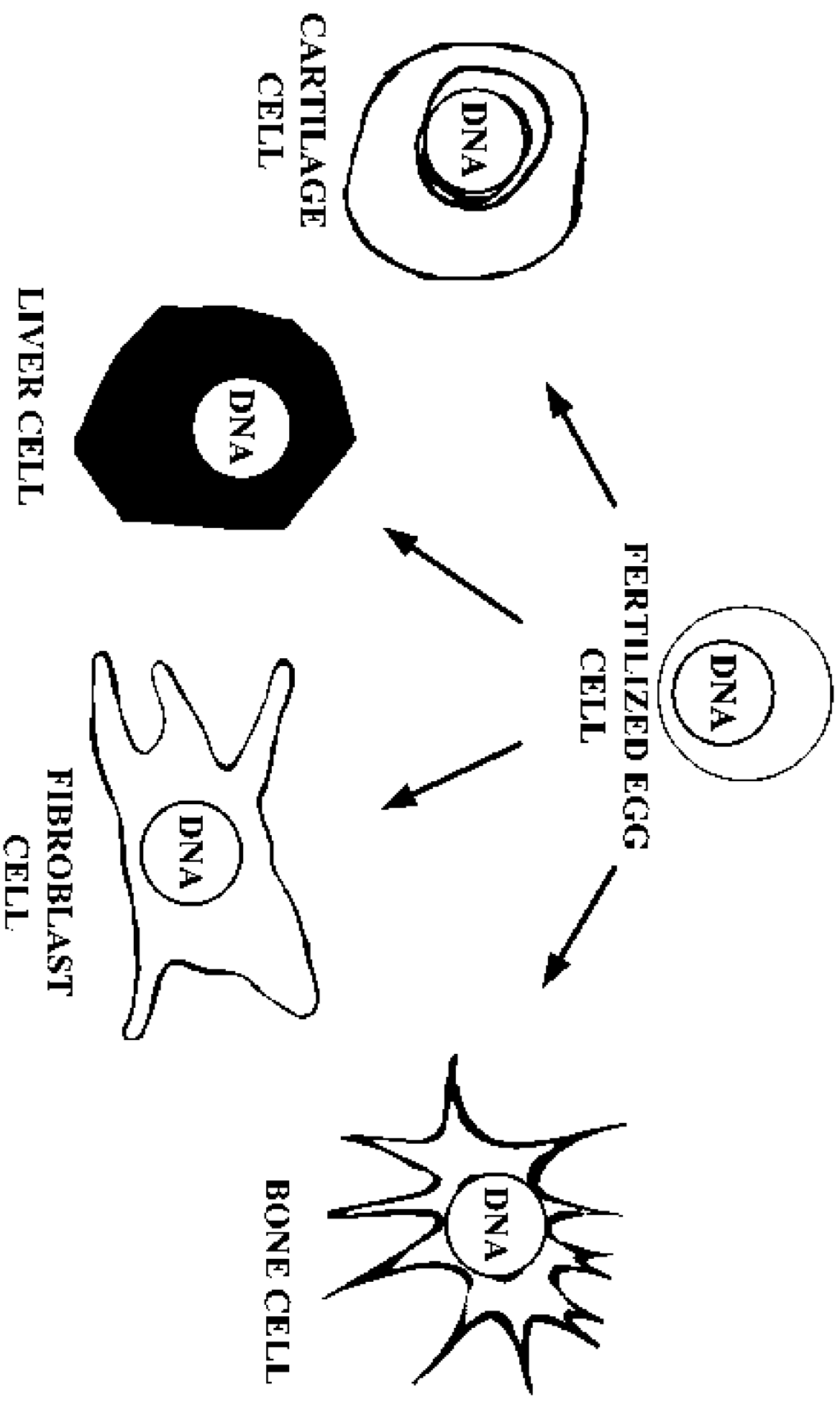


**FIG. 1**



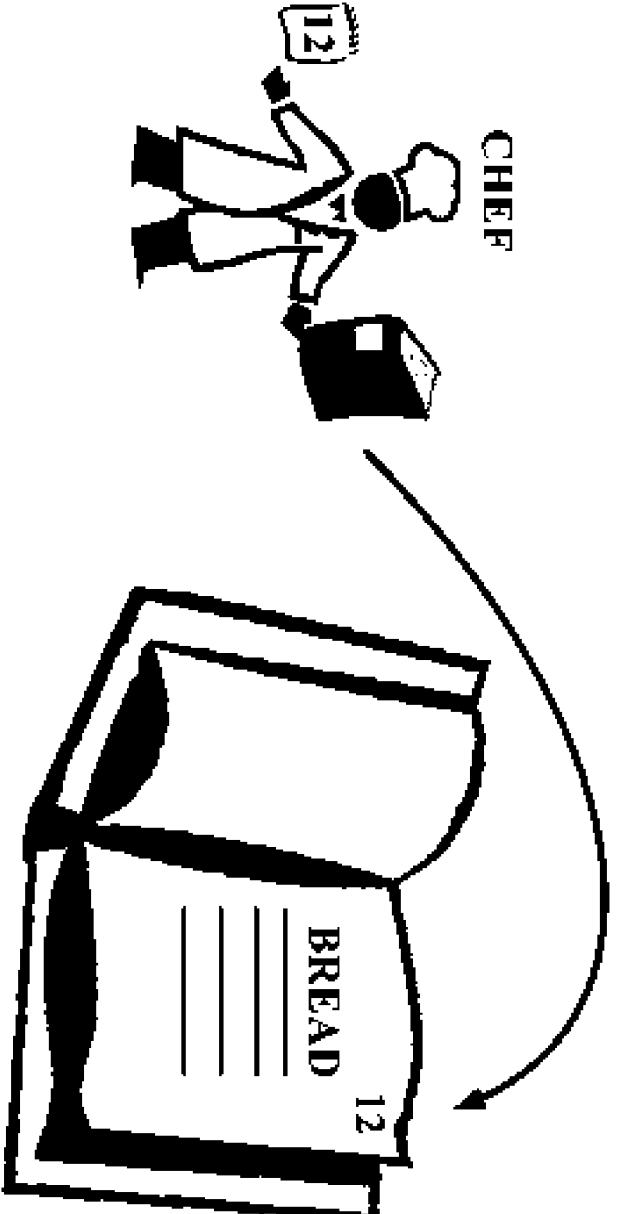


FIG. 2A



FIG. 2B

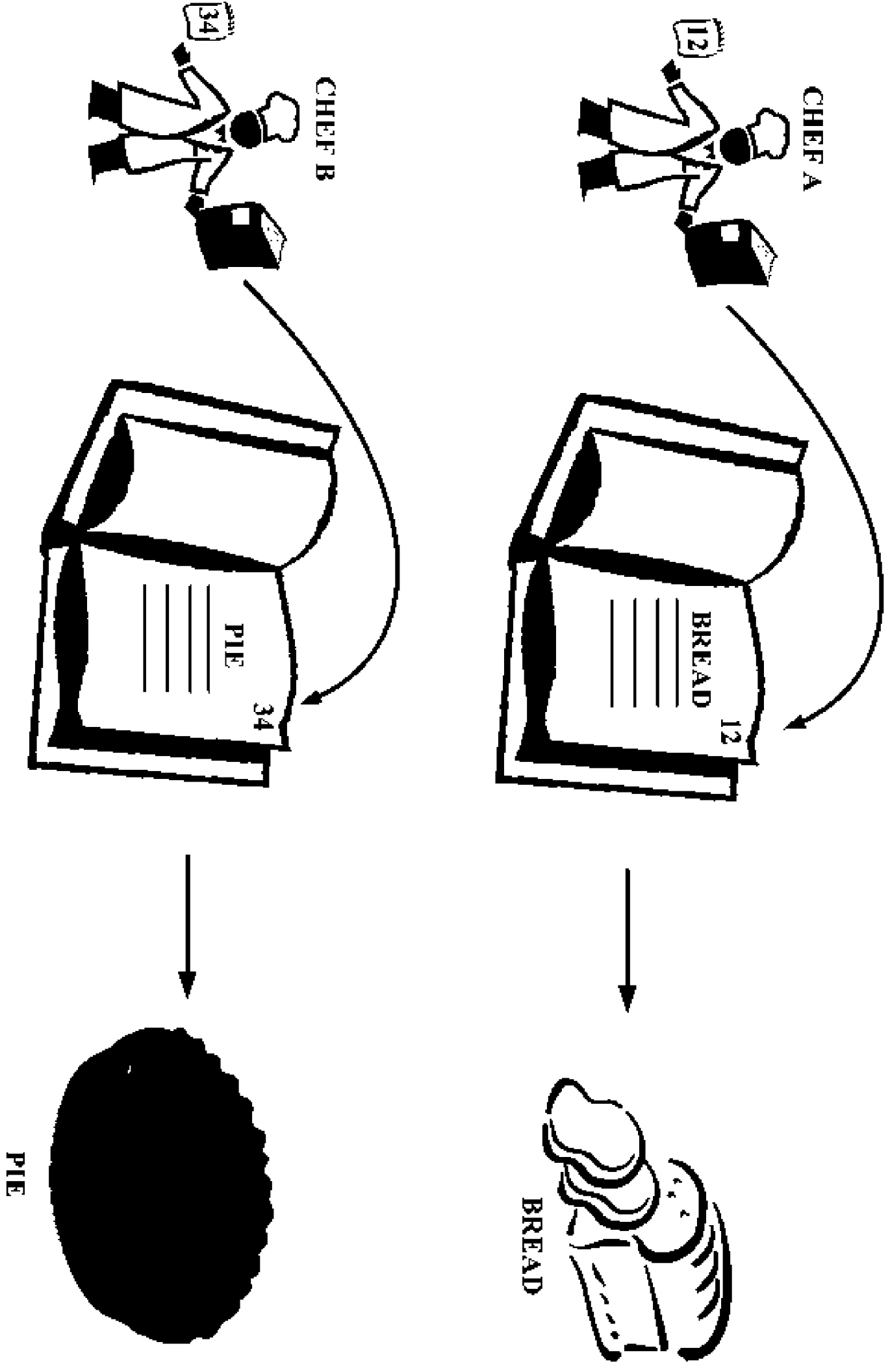


FIG. 3

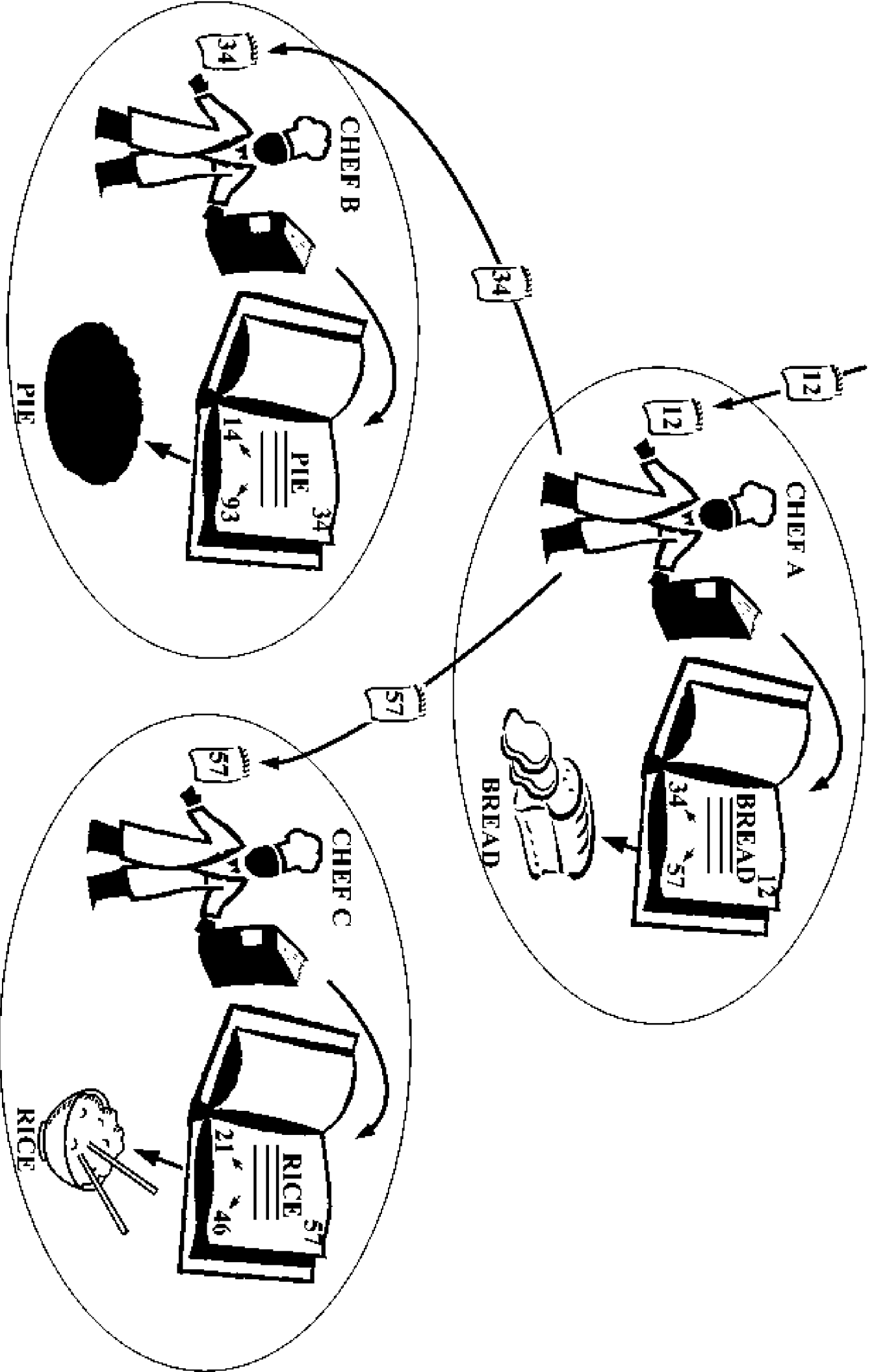
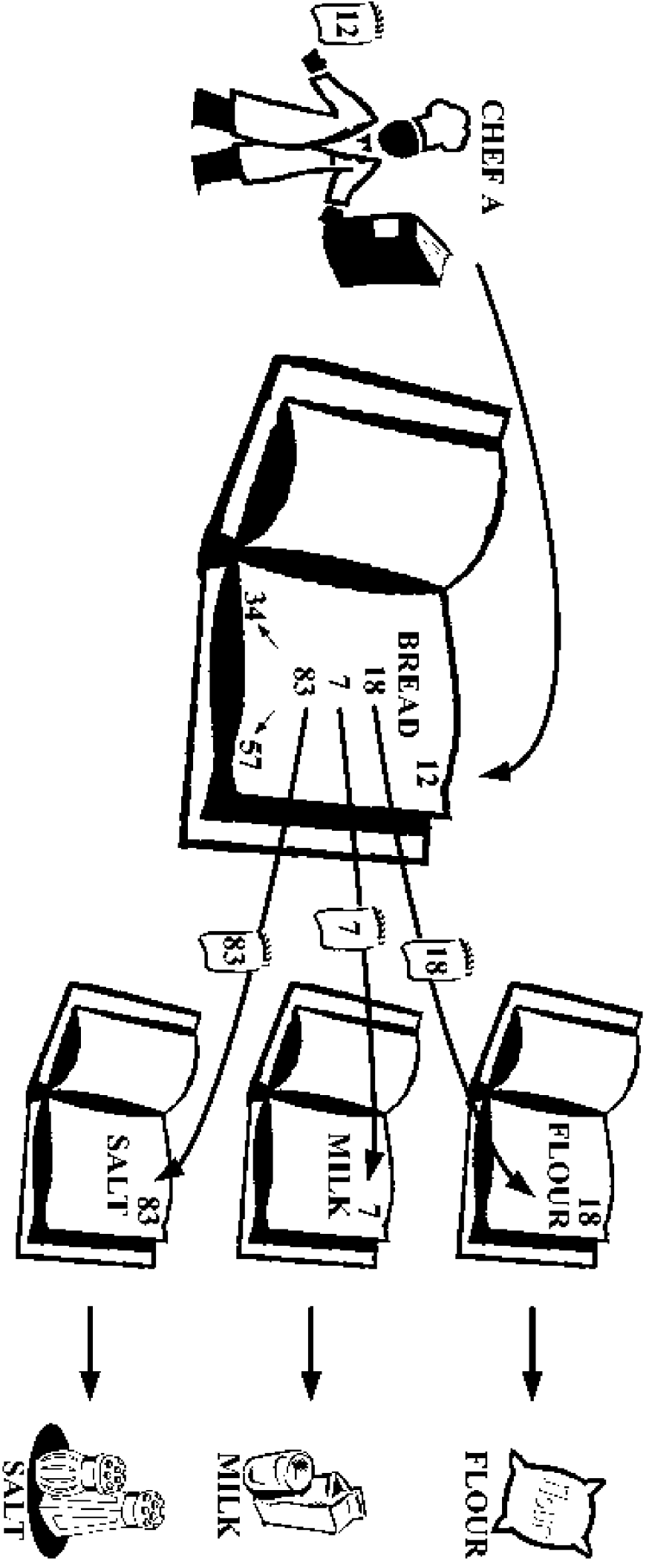


FIG. 4



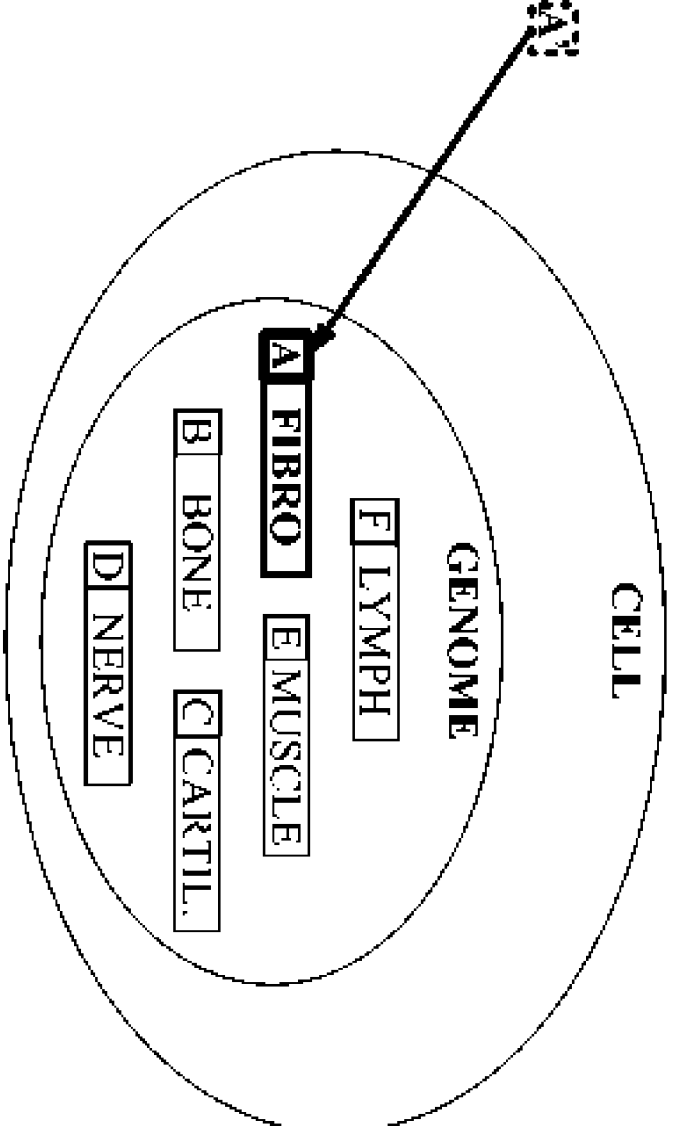
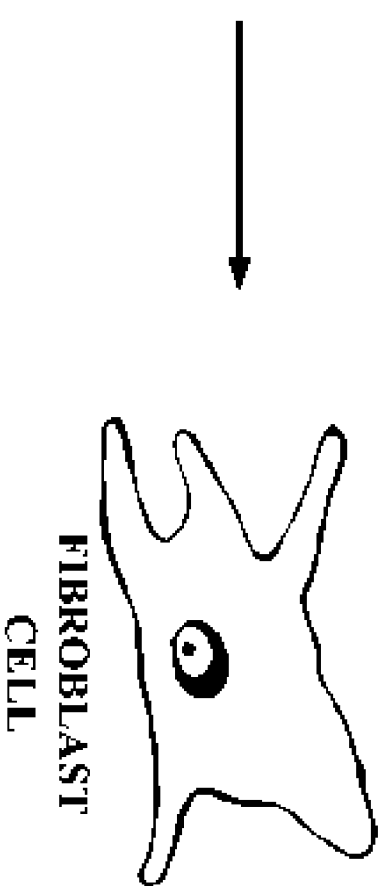


FIG. 5A



**FIG. 5B**

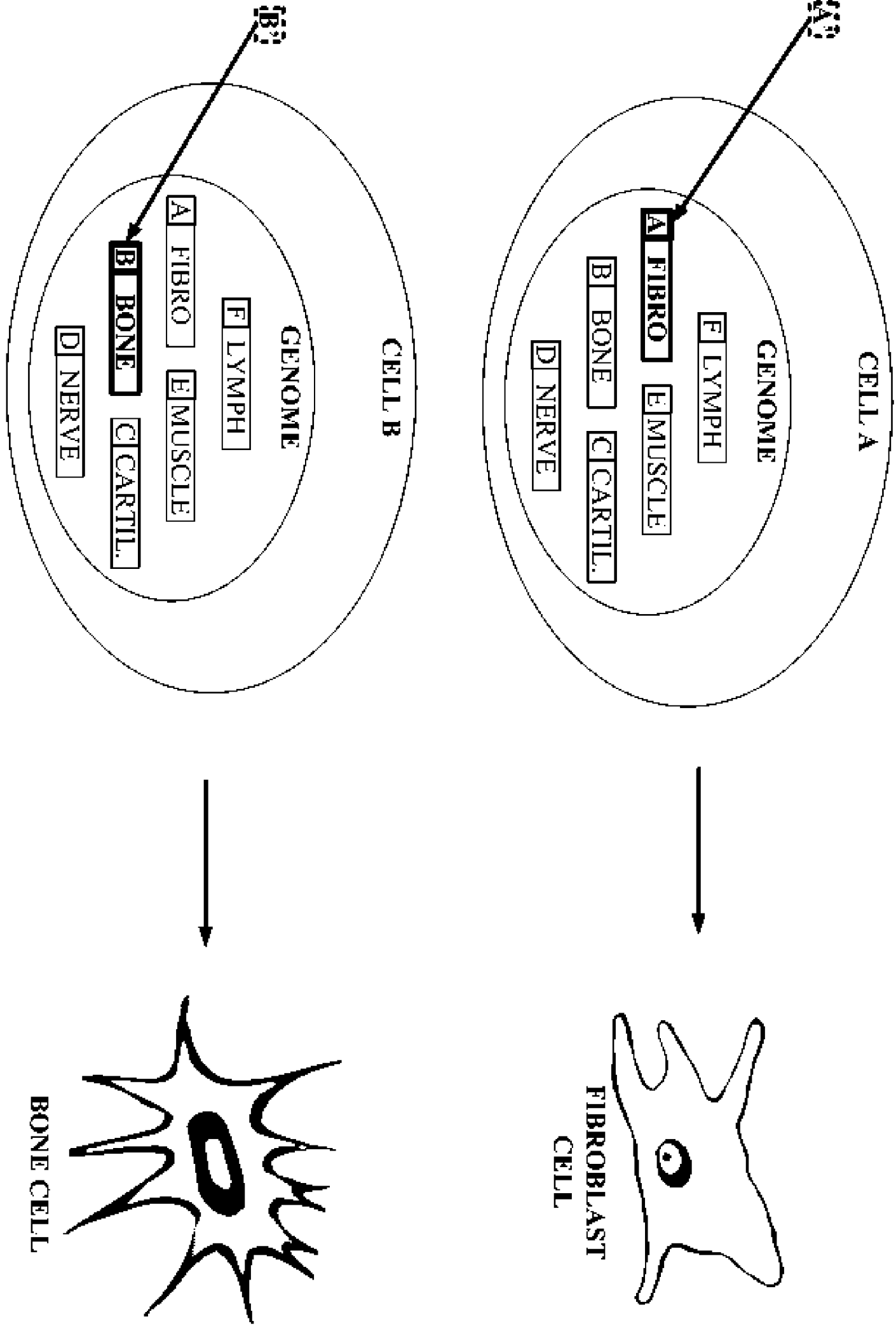


FIG. 6

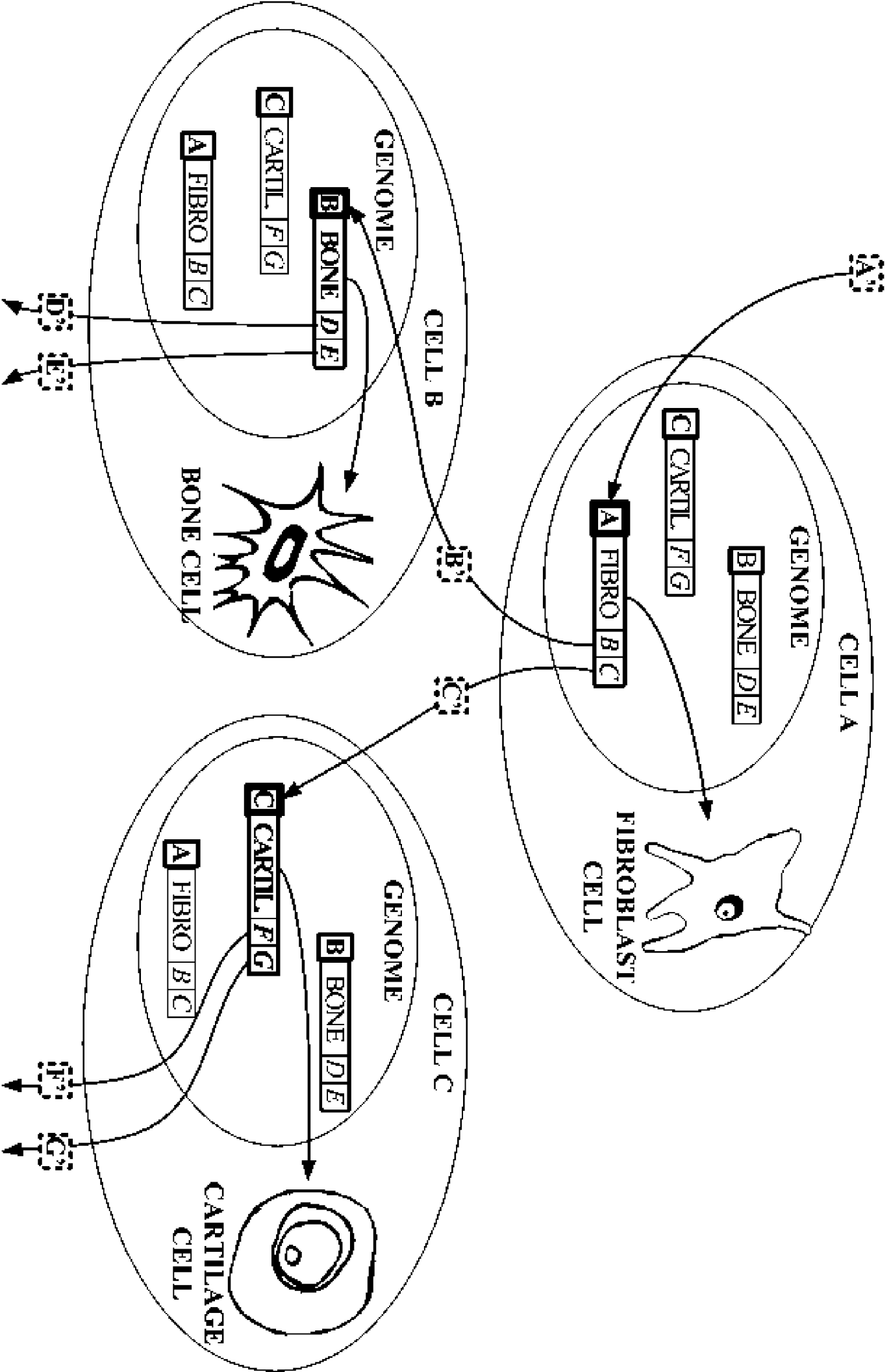


FIG. 7

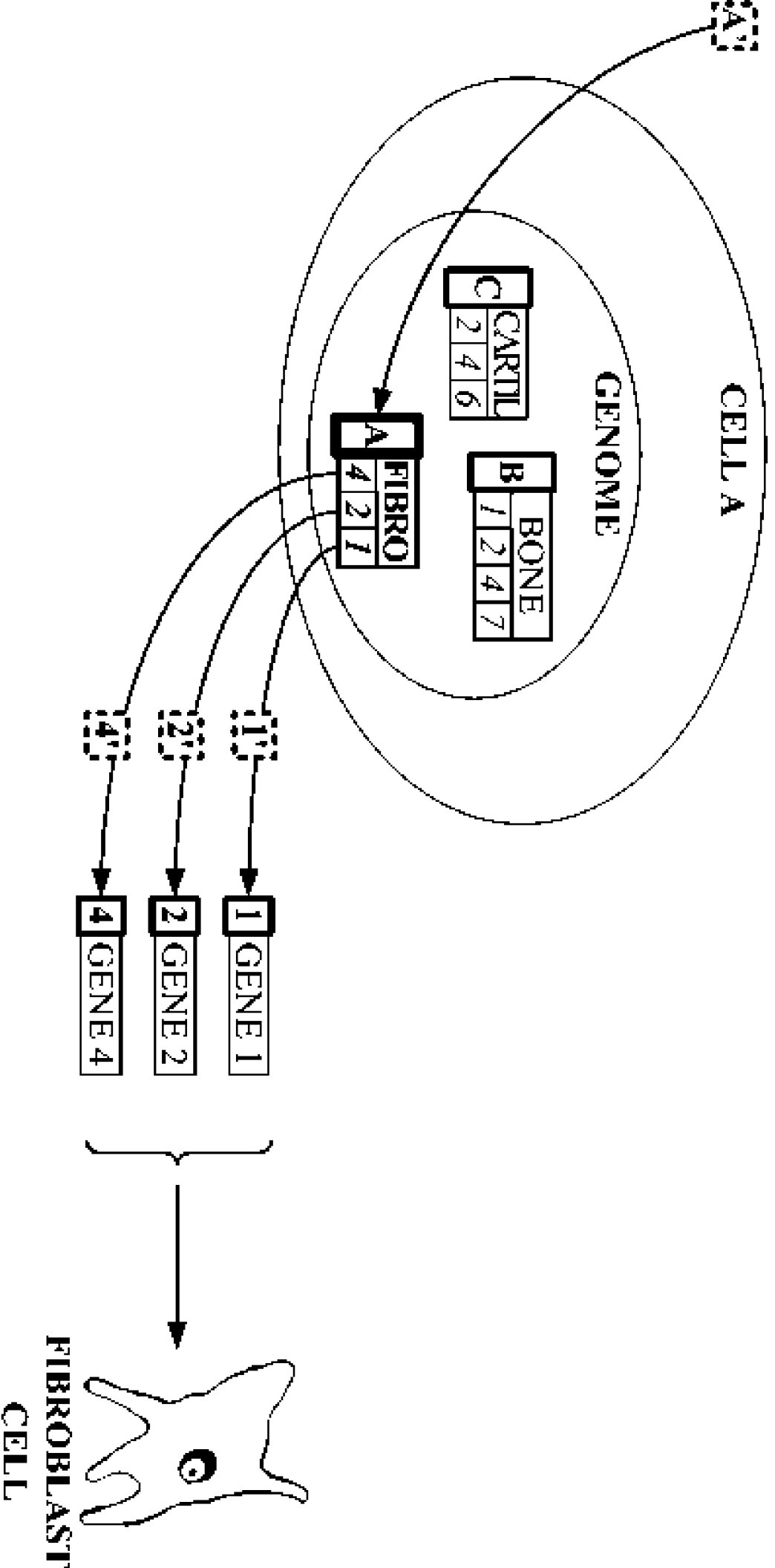
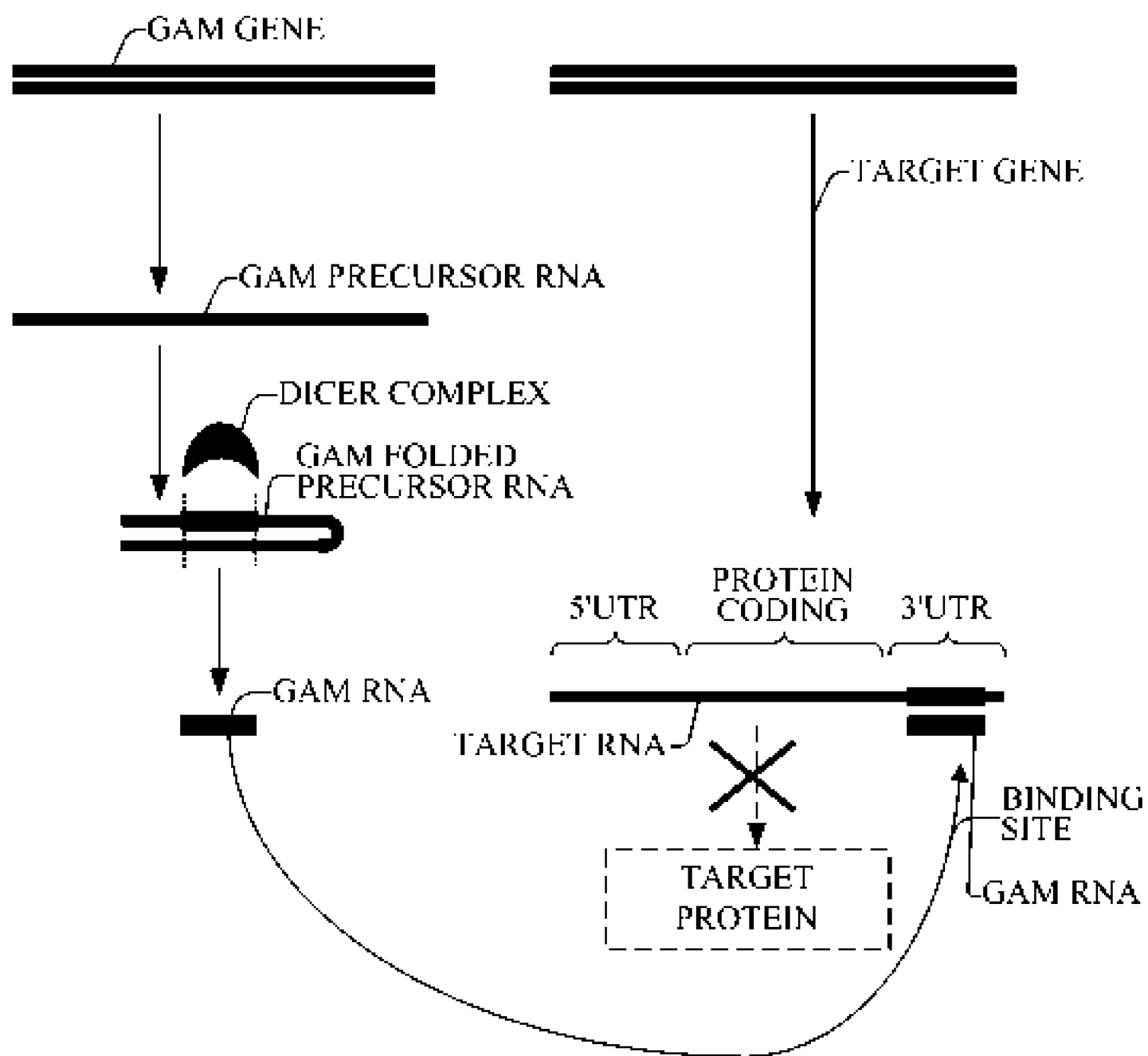
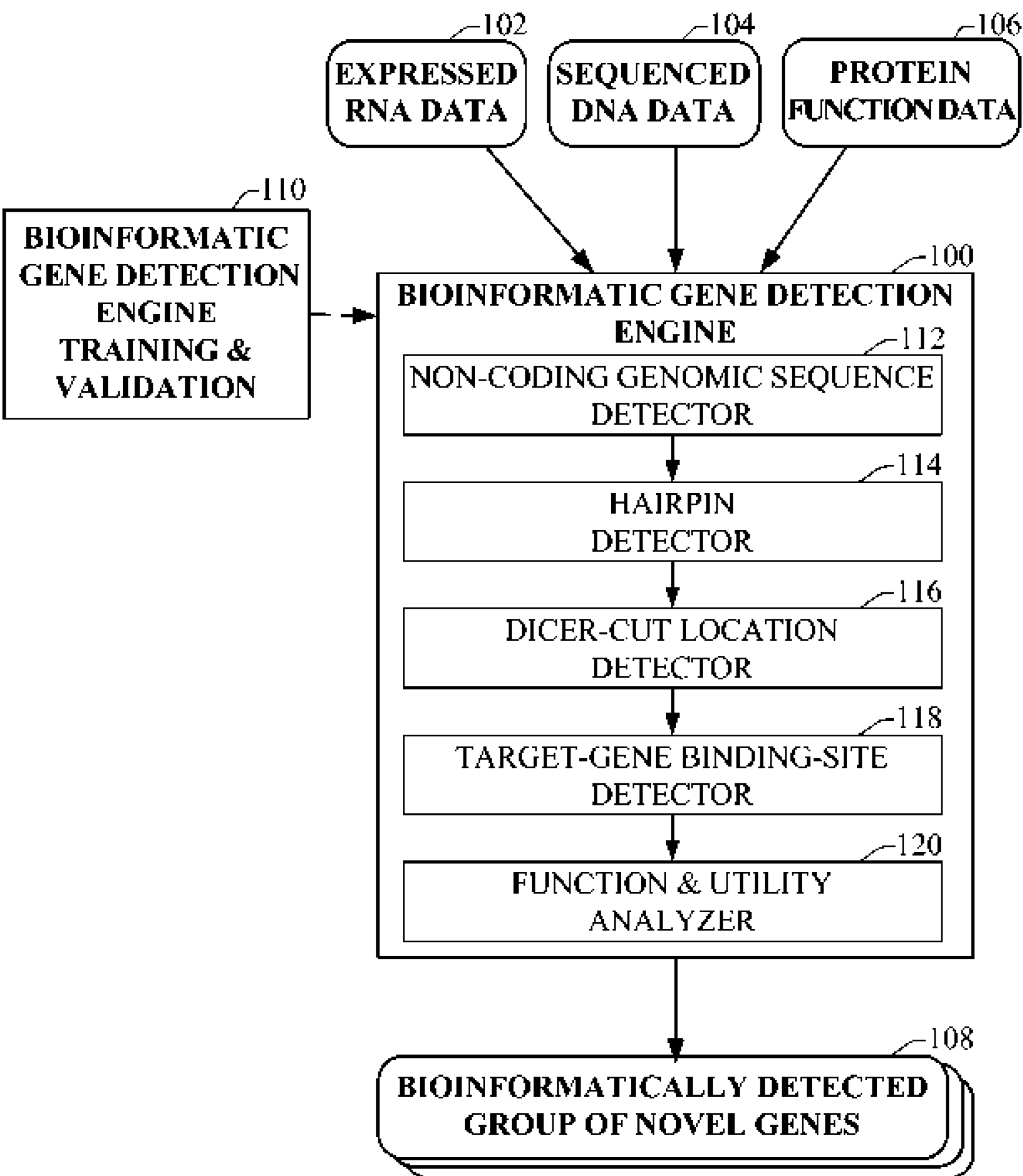


FIG. 8



**FIG. 9**



**FIG. 10**

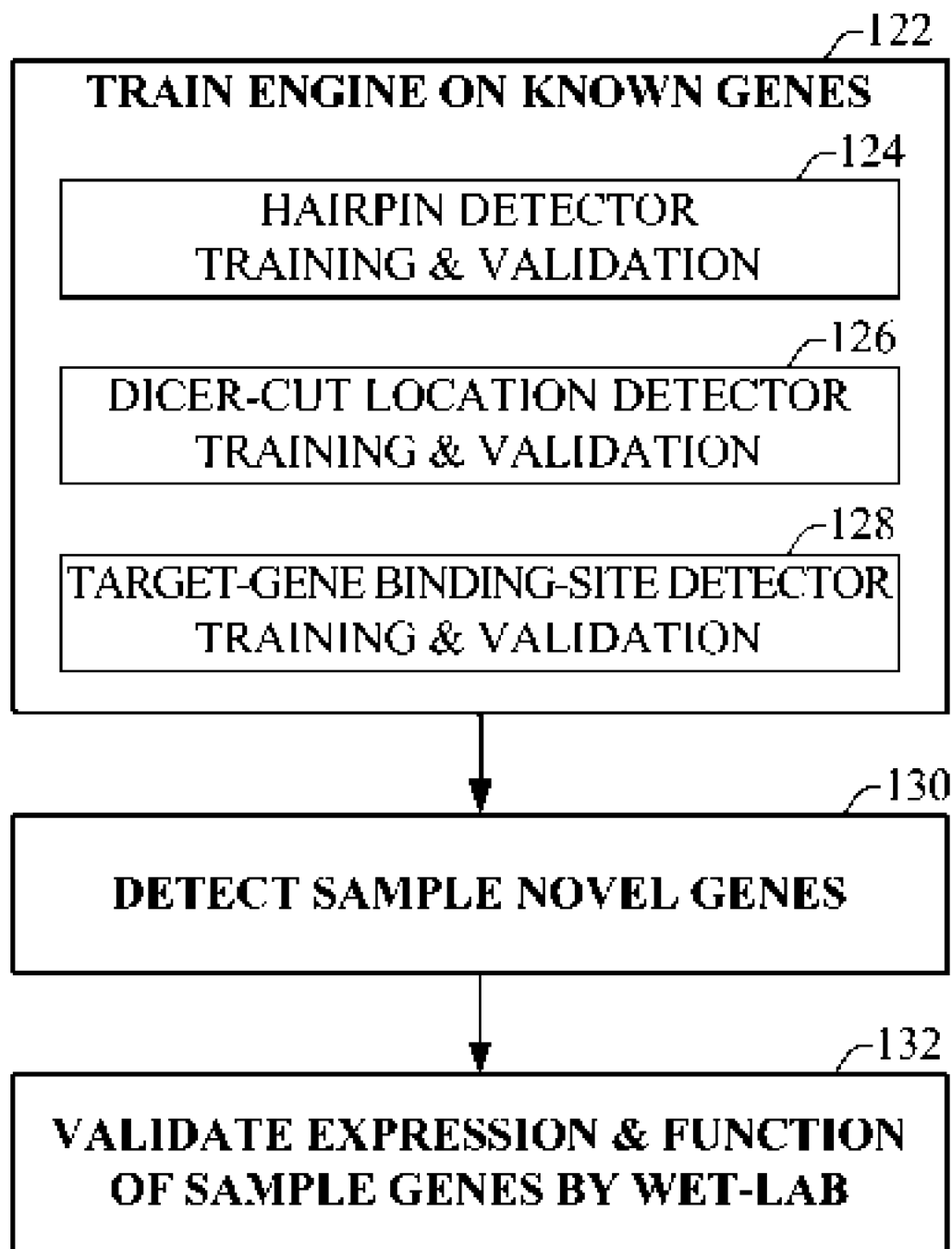


FIG. 11A

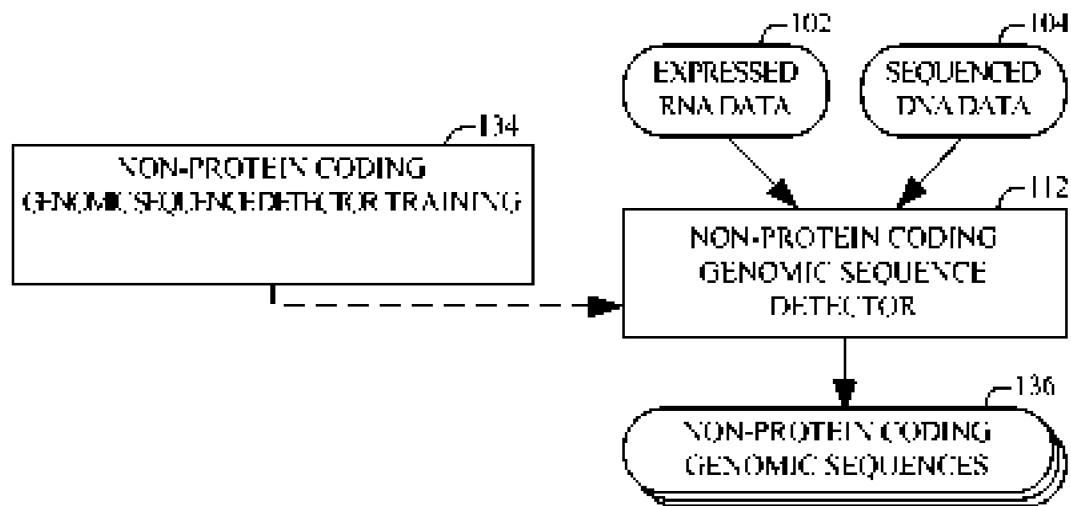
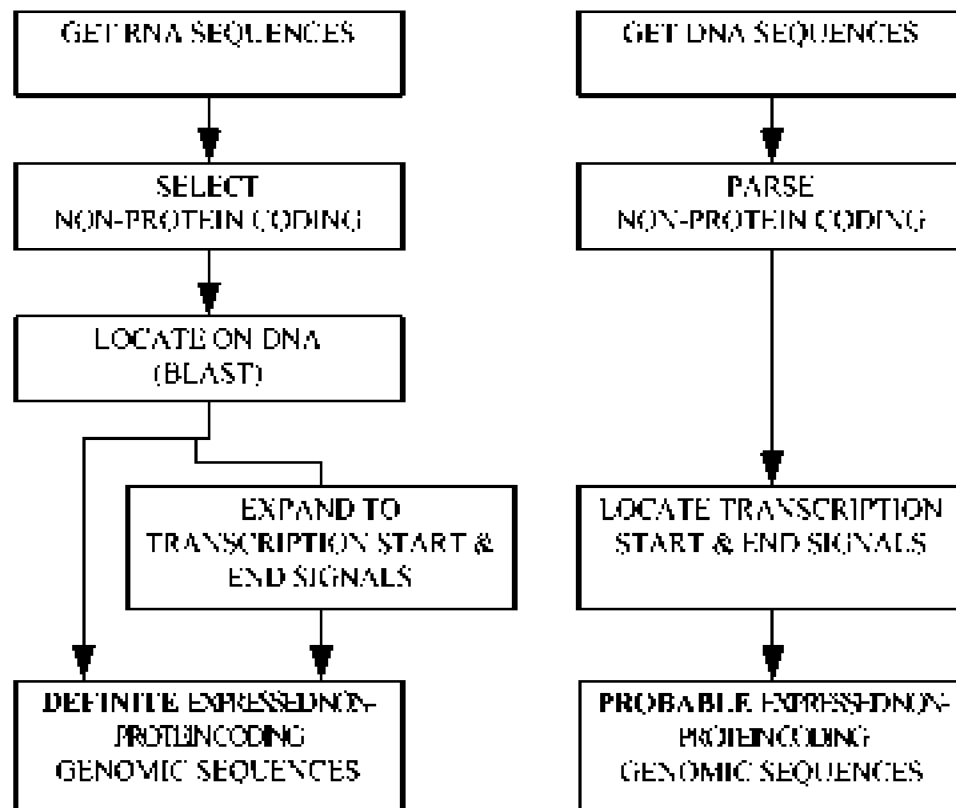
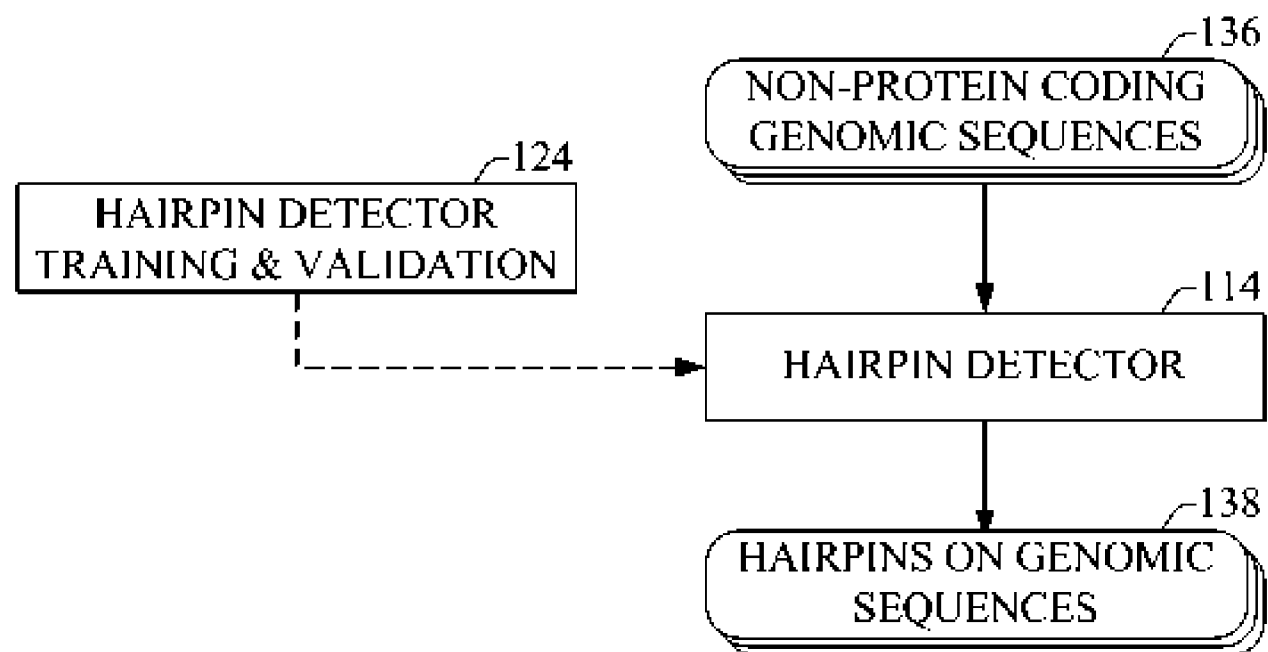


FIG. 11B



**FIG. 12A**



**FIG. 12B**

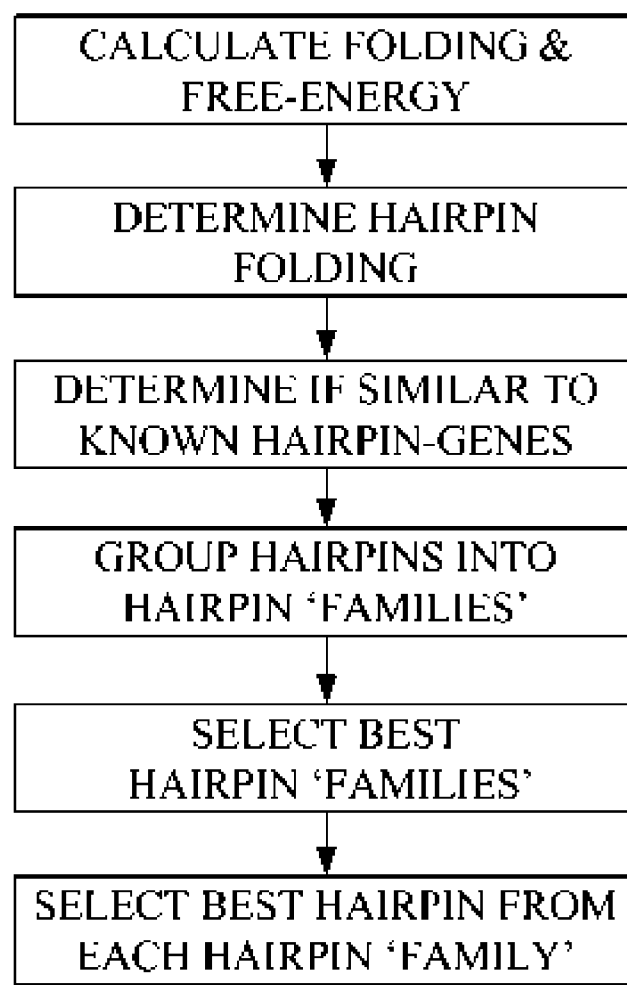
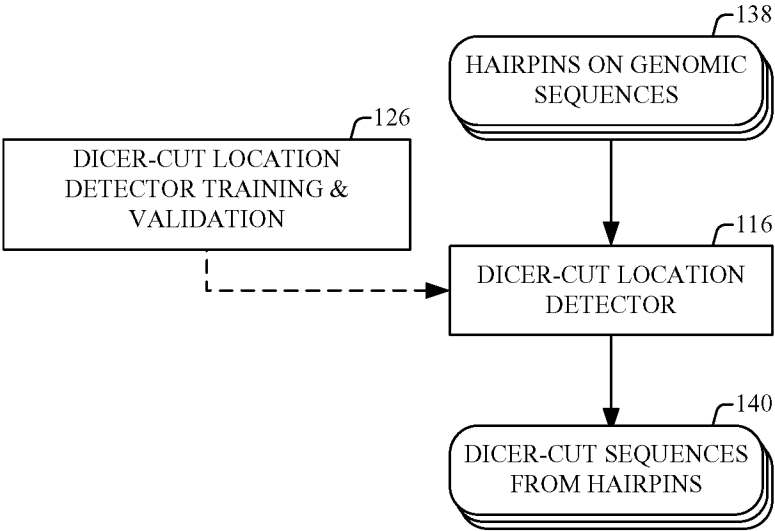
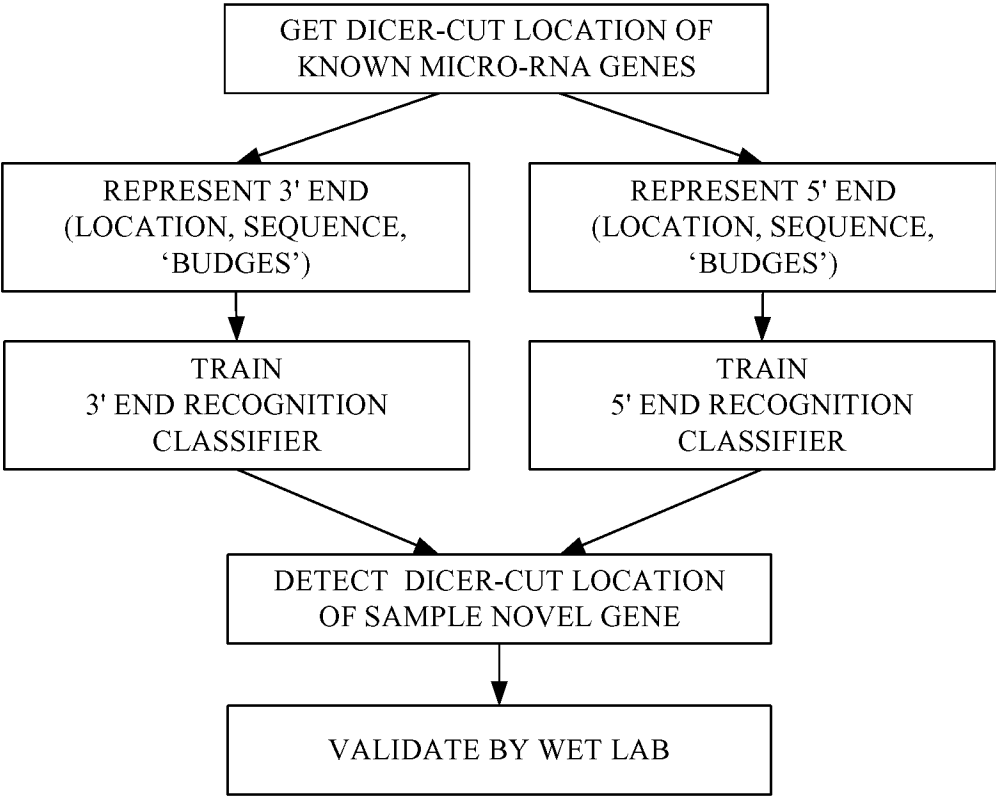


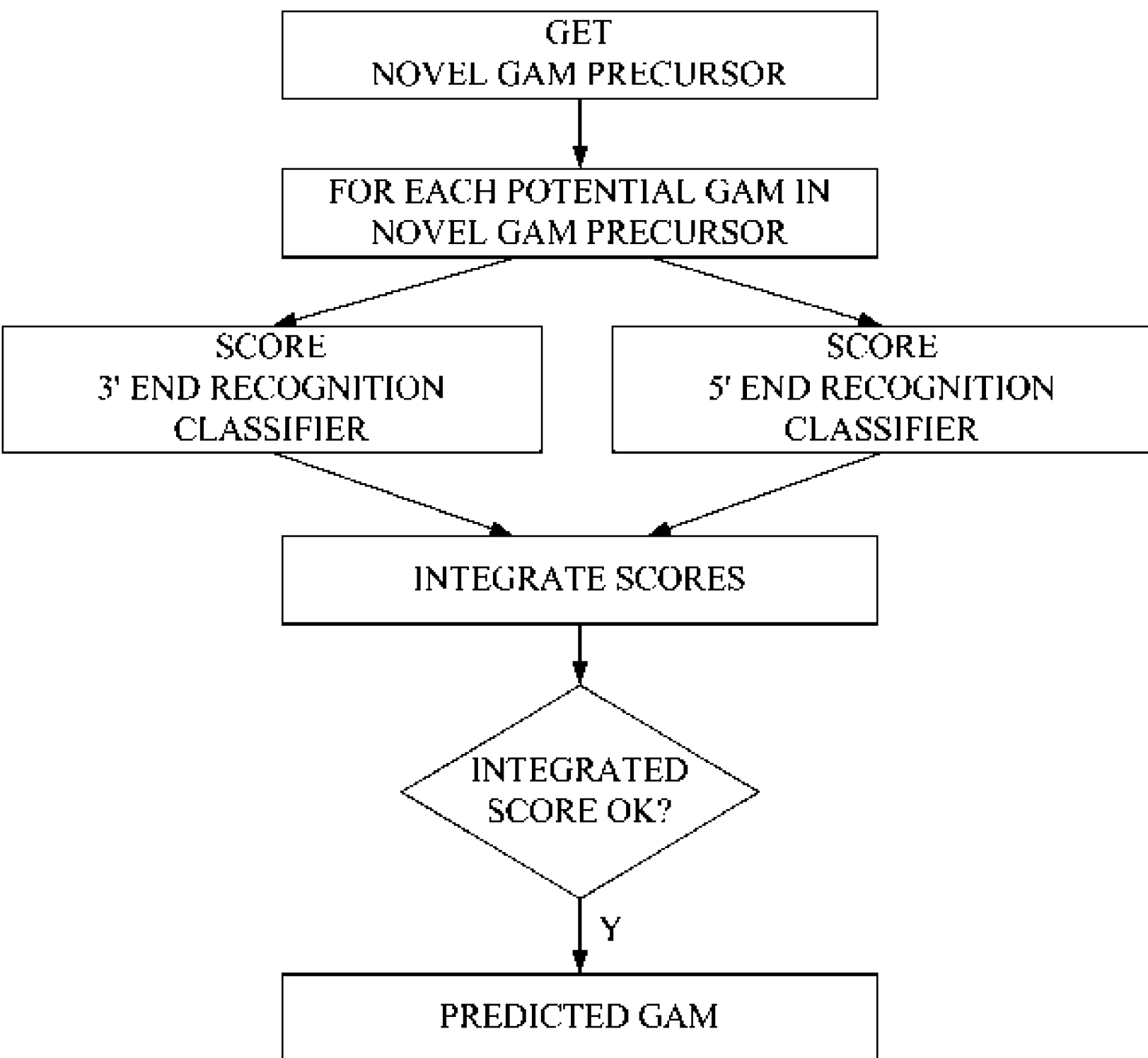
FIG. 13A



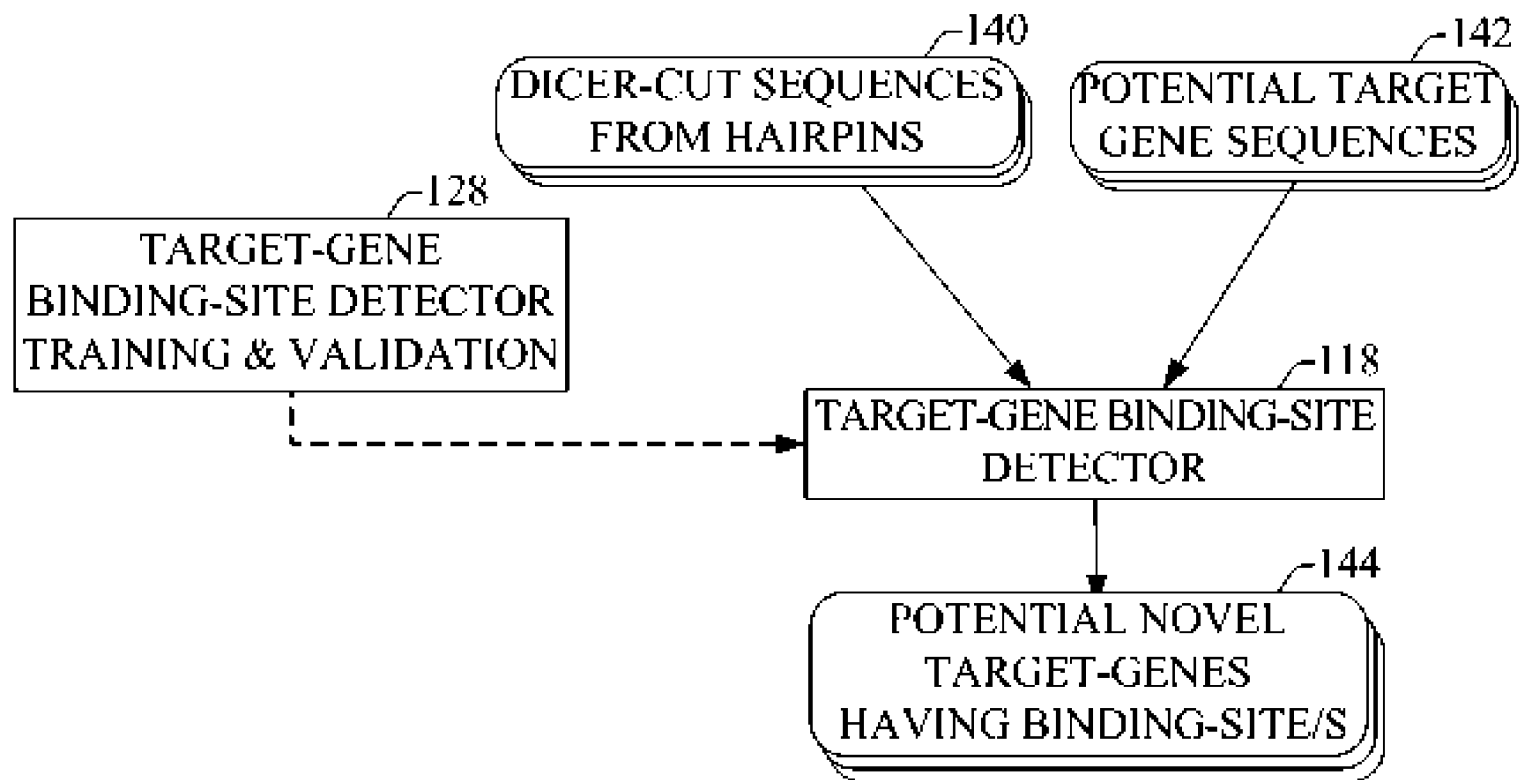
**FIG. 13B**



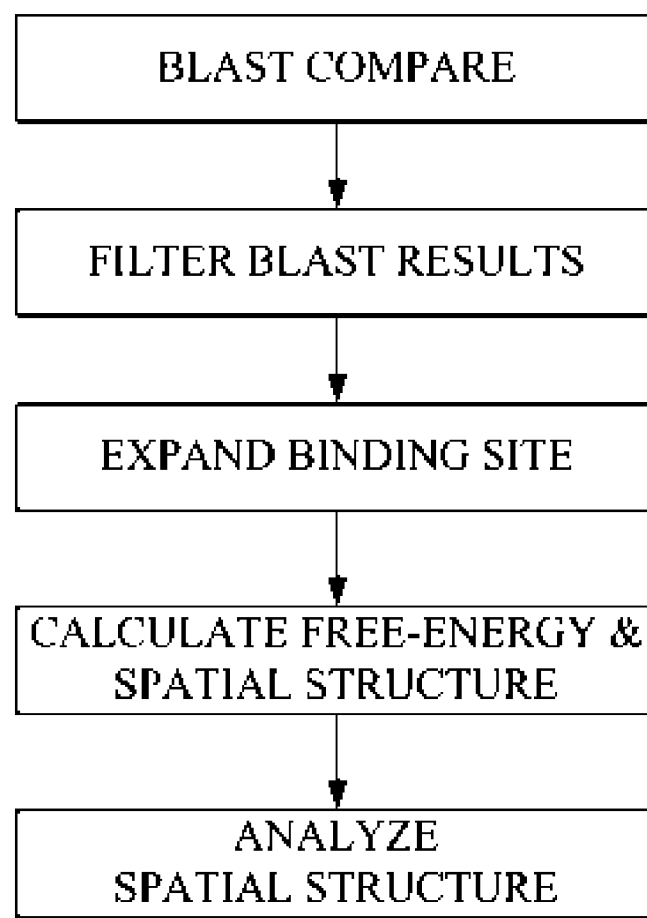
**FIG. 13C**



**FIG. 14A**



**FIG. 14B**



**FIG. 15**

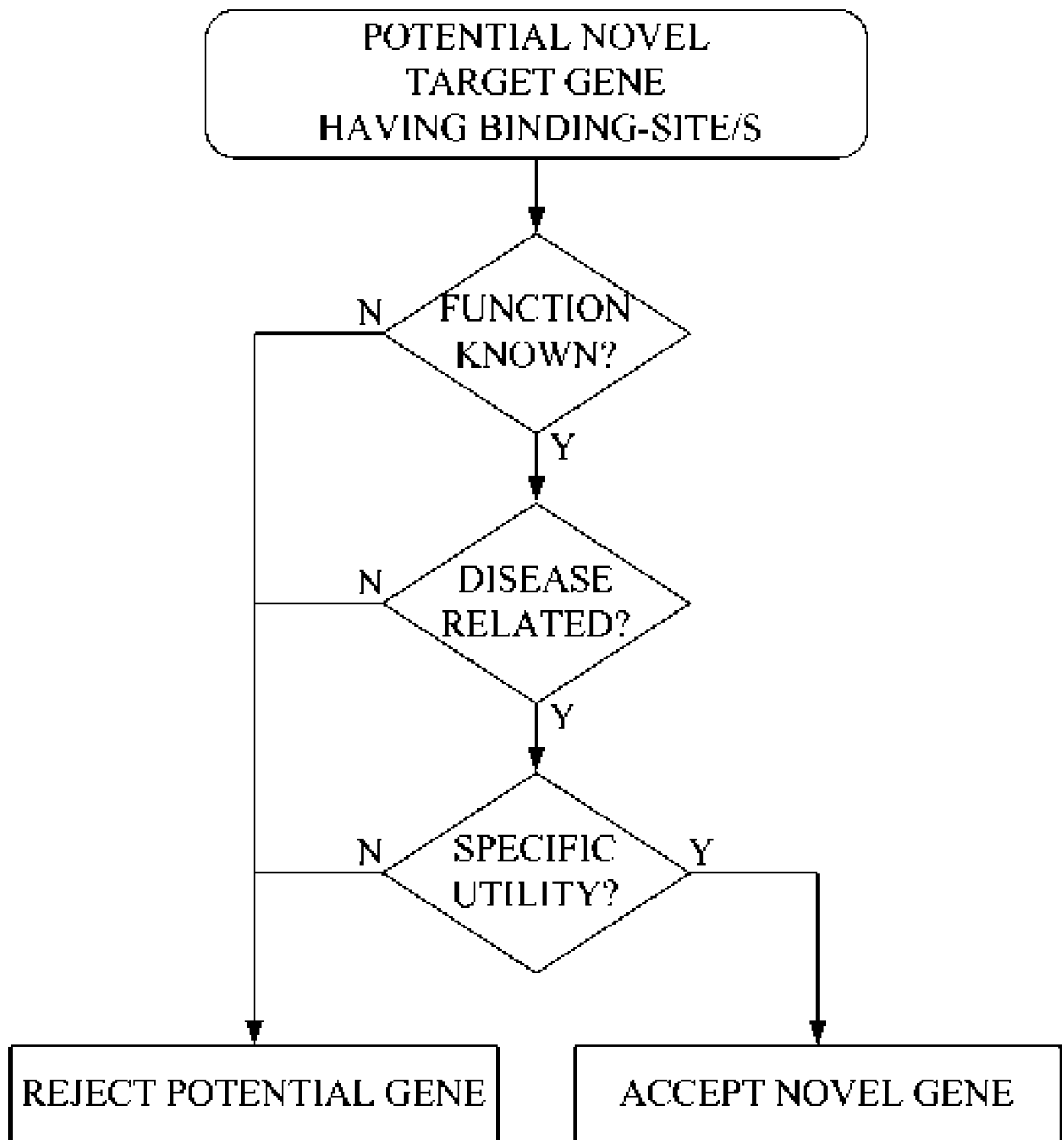


FIG. 16

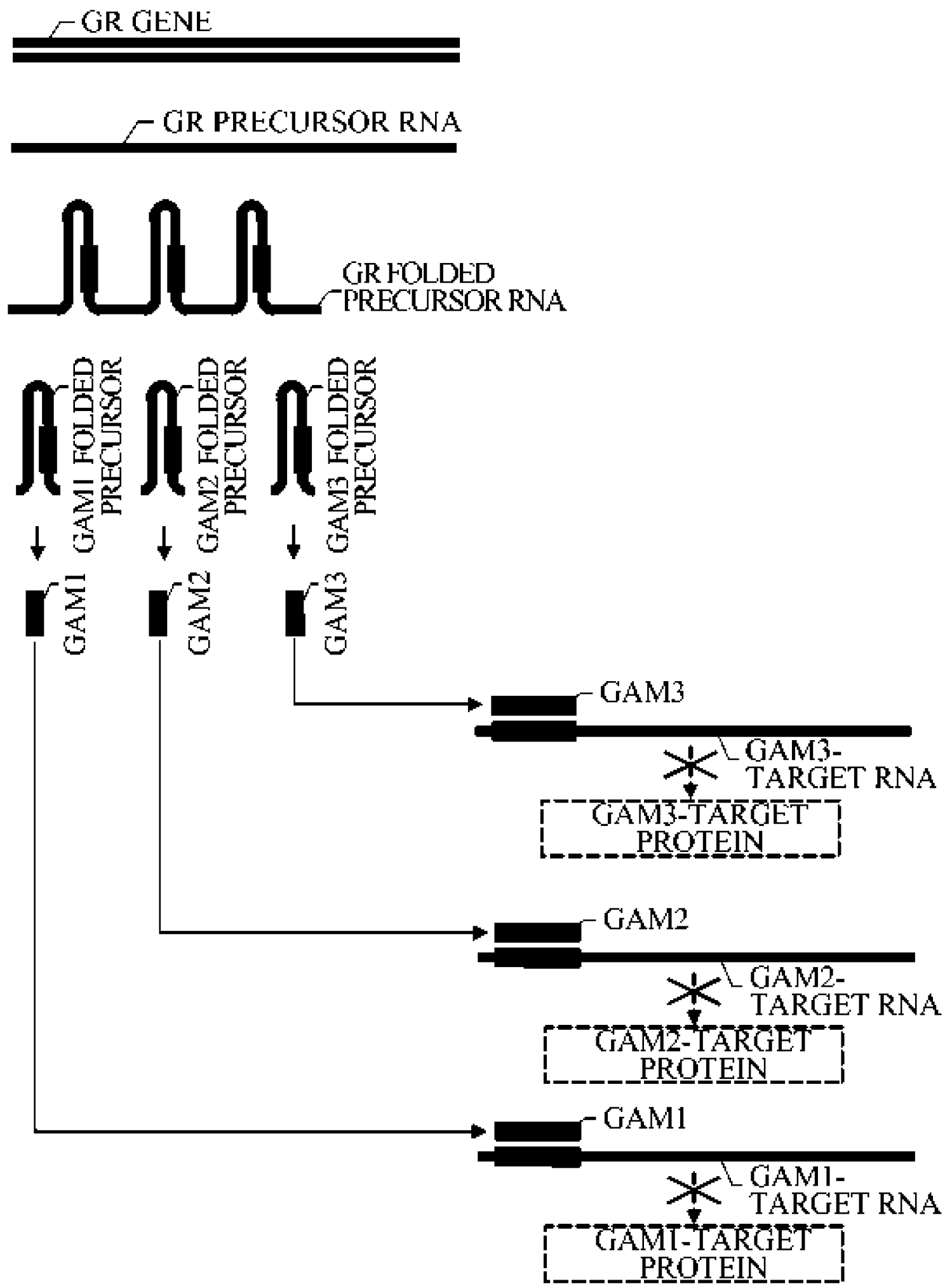
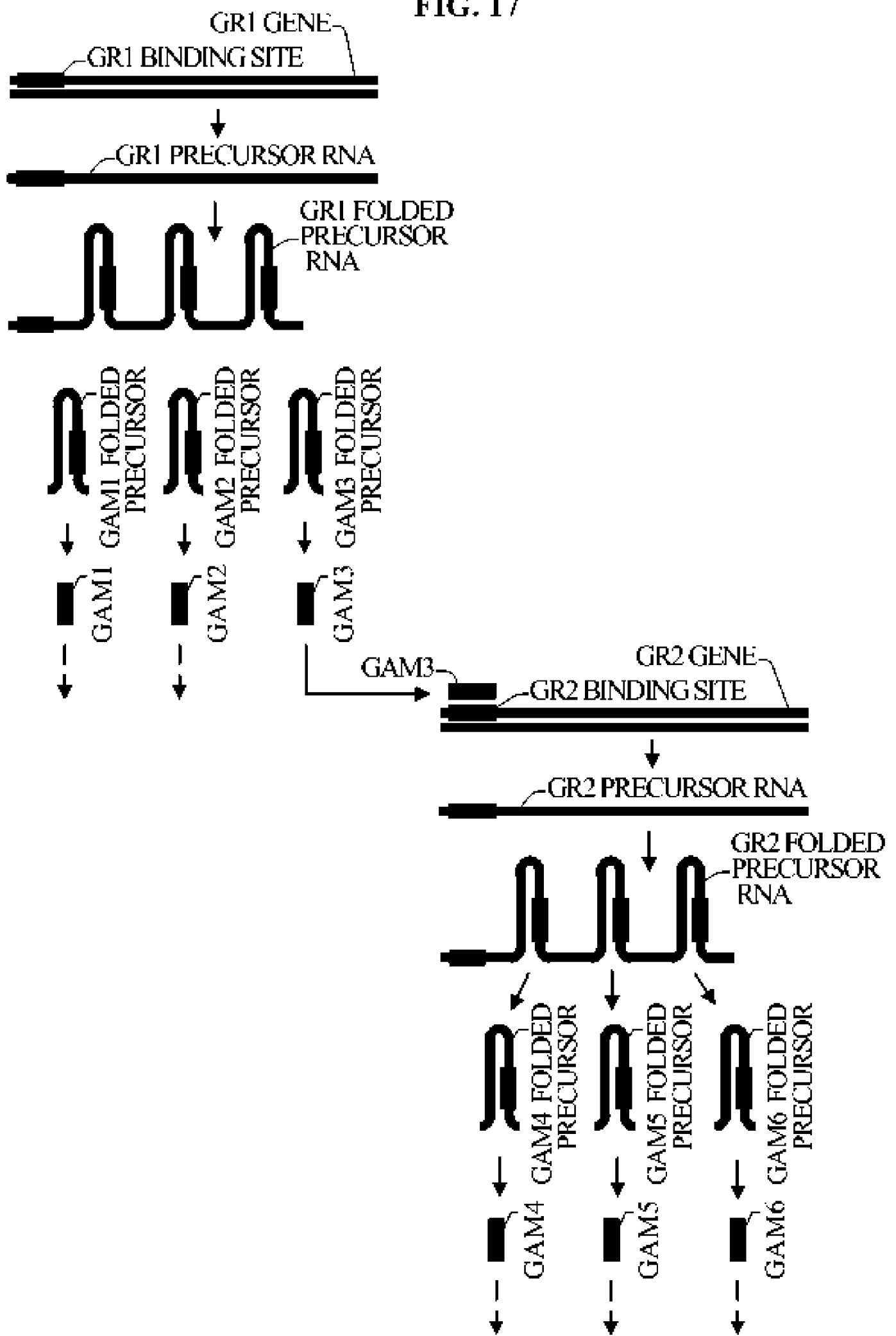
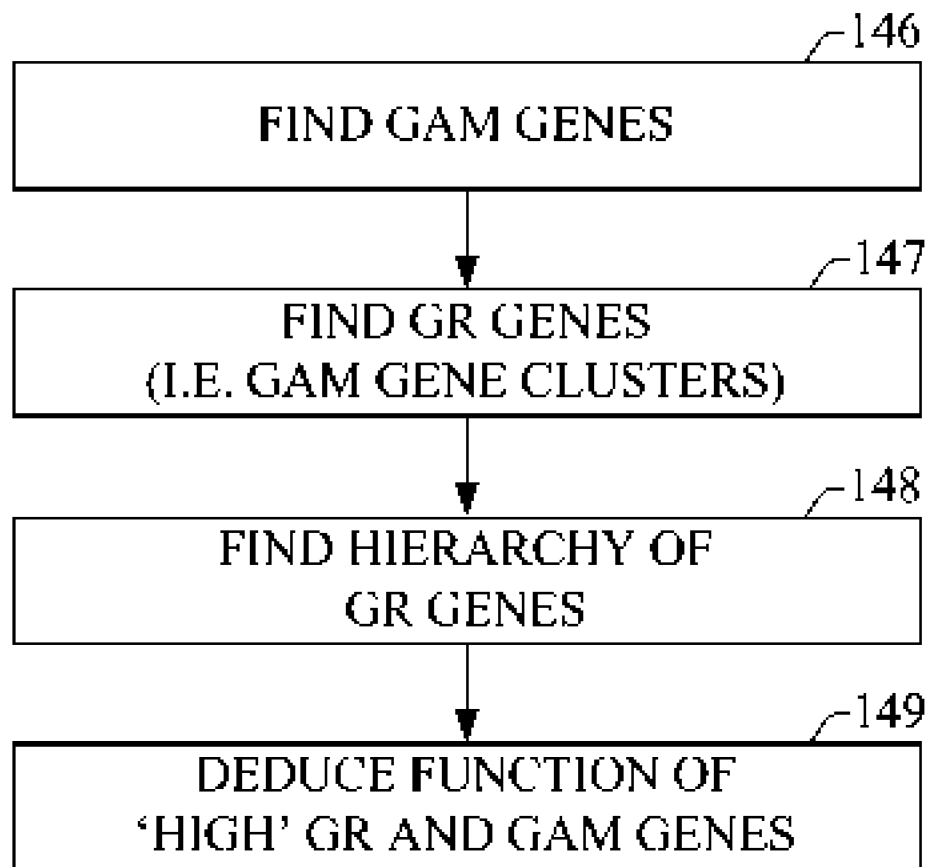


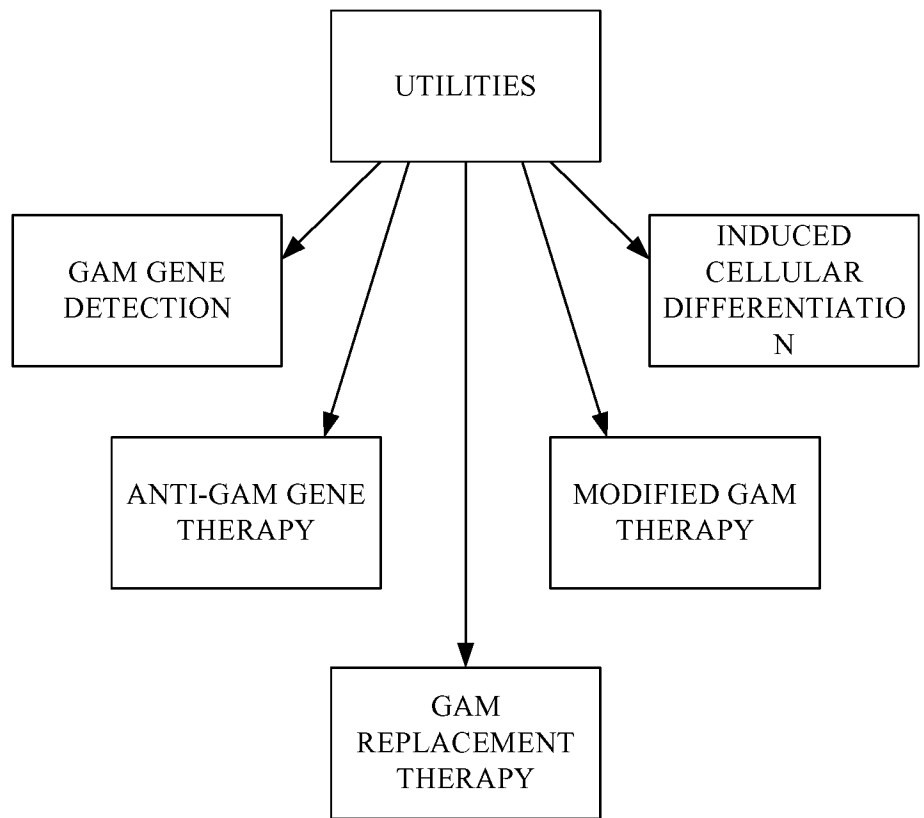
FIG. 17



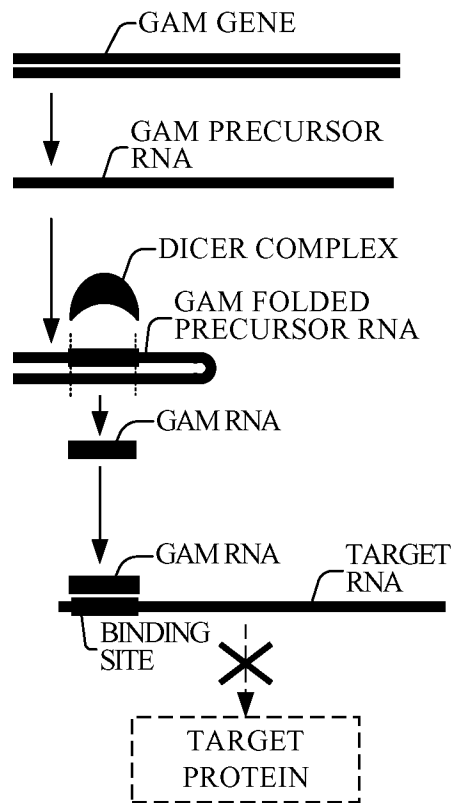
**FIG. 18**



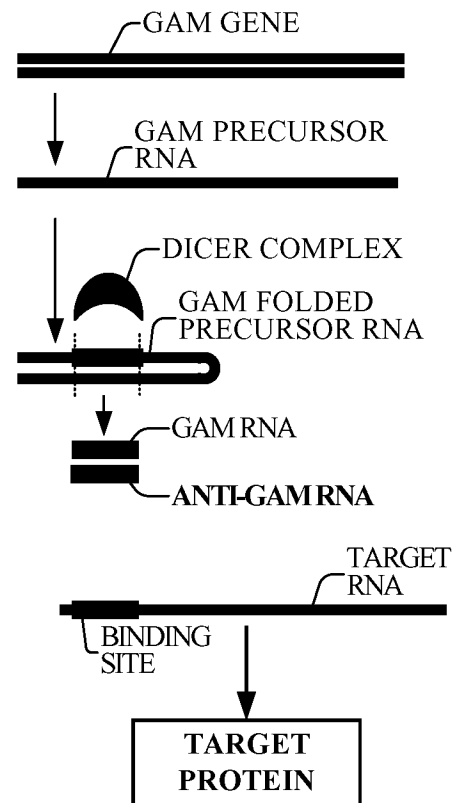
**FIG. 19**



**FIG. 20A**



**FIG. 20B**

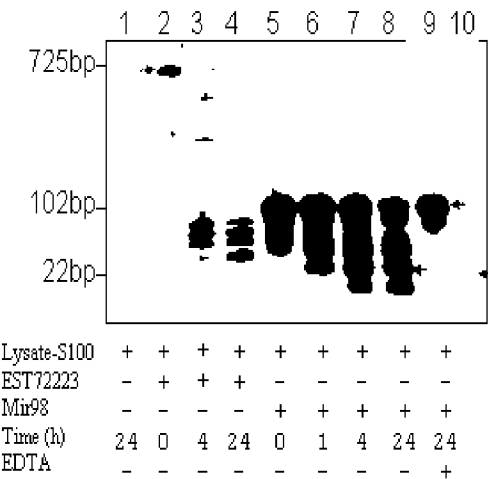


EST72223 sequence:

FIG. 21A

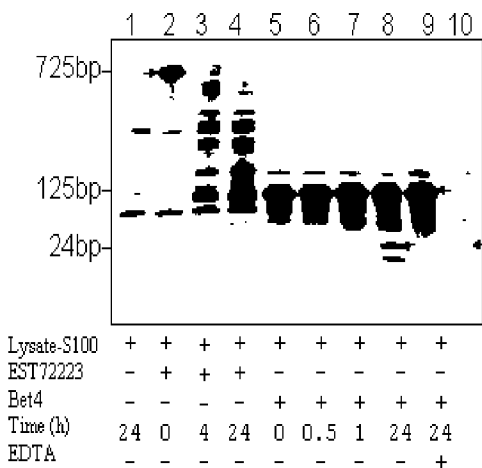
CCCTTATTAGAGGATTCTGCTCATGCCAGG**GTGAGGTAGTAAGTTGTATTG**  
**TTGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC** MIR98  
**TACTACTTTCC**CTGGTGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC  
TCCATCAGACAAAGTTGTAGATGTTCTTGGATAATTTGGACTGGAAGAAAAGA  
GACATGGAAGGGGACAGATGGTGTTTAGGGTGAGGCAGATGTCATTATAAAGT  
GACTTGTCTTTCATTAATTGGAGCATATAATTATTTTACCTTTGGGCATGAACTC  
ATTTTGCTATTCTTCAACTGTGTAATGATTGCATTTTATTAGTAATAGAACAGGA  
ATGTGTGCAAGGGAATGGAAAGCATACTTTAAGAATTTGGGCCAGGCGCCGT  
GGTTCATGCCTGTAATCCCAGCATTTTTGGGAGGCCGAGGCGGGTGGATCAC  
CTGAGGTCAGGAGTTCGAGACCAACCTGGCCAACACGGCGAAACCCCGCCTC  
TACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCCAGC  
TACTCAGGAGGCT**GAGGCAGGAGAATTGCTTGAACCCAGGAAGTGGAG** GAM2  
**GCTTCAGTGAGCTGAGAACACGCCACTGCACTCCAGTCCTGGGCAAC** 5  
**AGAGCAAGACTCTGTCTCAGGAAAAAAAAAAG**

FIG. 21B



MIR98

FIG. 21C



GAM2

5

FIG. 21D

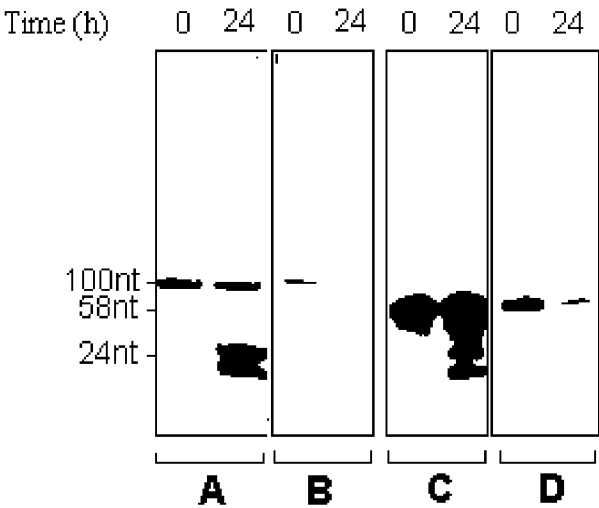


FIG. 22A

dbEST Id. 7929020 (Image4514344) sequence:

CCAAAAACTGCAAGCATTCCCTTTGAAAAC TGGCACAAGACAGGCATGCCCTCTCTCAC  
CGCTCCTATTCAACATAGTCTTGGAGTTCTGCCCAGGGCAATTAGGCAGCAGAAGCAA  
ATAAAGCGCTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCCCTCTTTGCAGATGACAT  
GATTGTATATCTAGAAAACCCCATTTCTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA  
ACTTCAGCAAAGTCTCAGCATACAAAATAAATGTACAAAATCACAAGCATTCTTACAC  
ACCAACAACAGAAAAACAGAGCCAAATCATGACTGAACTCCCATTACAAATTGCTTCAA  
AGACAATAAAATACCTAGCAATCCAAC TTACAAGGCATGTCAAGCACCTCTTCAAGCAG  
AACTACAAACCACTGCTCAAGCAAATAAAACAGGATACAAACAAATGCAAGAACATTCC  
ATGCTCATGGCTAGGAAGAATCAATATTGTCAAAATGGCCATACTGCCCAAGCTAATTT  
ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTTCACAGAATTGCAAAAA  
ACTACTTTAAAGTTTATATGCAACCAAAAAAGAGCCCCCATGCCCAACTCAATCCTAAG  
**CCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAAC TTTACTACAAGGCTA**  
CACTAACC AAAACAGCATGCTACTGCTACCAAAAACAGAGATATACATCAATGCAACAGA  
ACAGACCCCTCAGAAATAACCCCCAATACCTACAAC TATCTGATCTTTACAAAACCTCA  
GAAAAACAAGCAATCGGGCAAAGCATTCCCTATTTAATAAATGCTCCTCGGAAAAC TGAC  
TAGCCATATCTAGAAAAGCTGAAACTGCATCCCTTCCTTACACCTTATACAAAAATCAAT  
TCAAGATGCATTAAACATTTTAAACCTTACACCTAAAACCATAAAAAACCTAGAACAAAA  
CCTAGGCATTACCATTACGACATAGGCATGGGCAAGCACTTCATGTCCAAAACACCAA  
AAGCAATGGCAACAAAAGACAAAATTGACAAATGGCATCTAATTAAACTAAAGACCTTC  
TGCACAGCAAAAAGAACTACCAT**TCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAAT**  
**TTTCGCAACCTACTCATCTGAC**AAAGGGCTAATATCCAGAATCTACAATGAACTCAAAC  
AAATTTACAAAAAAA AAAAAA

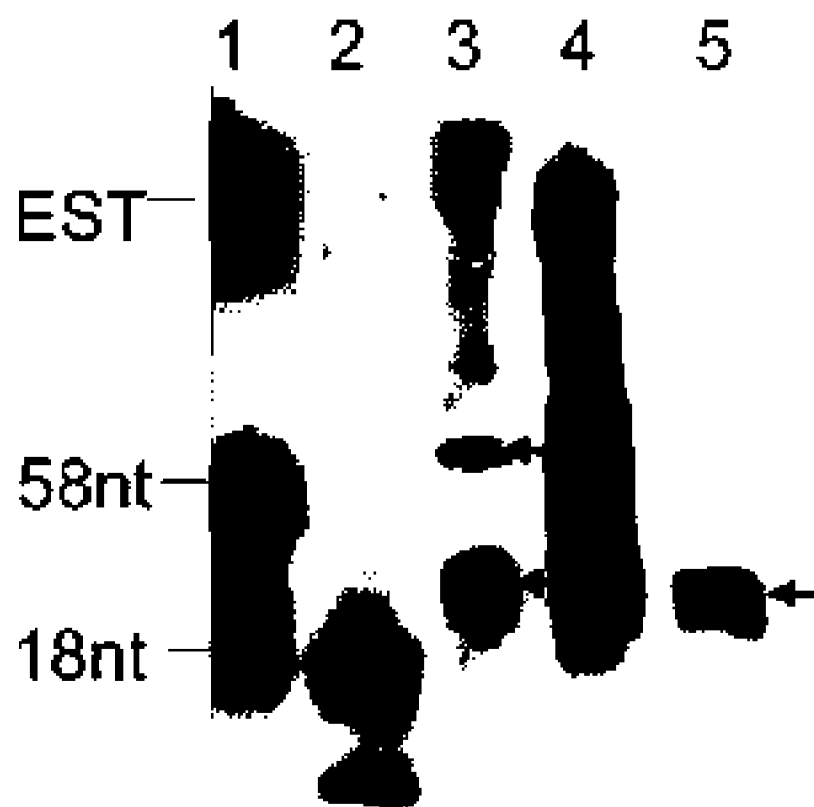
GAM24

GAM26

FIG. 22B



**FIG. 22C**



**GAM26**

**FIG. 23A****dbEST Id.1388749 (Image1020185) Sequence:**

ACTCCTATCAACAGTGTAAGAGCATTCTGTTTCTCCATAATCTTGCCAGCATCTTTT  
 CATTTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTTT  
 GATTTGCATTTCTCAGATGATCAGTGATGTTGAAGTTTTTTTTGTTTGTGGCTGCATG  
 TATGCCCTTCTTTTGAAAAGTGTCTGTTTGTGTCCCTTGACCACCTTCTAATGGGGTTG  
 AGTTTTTTTTTCTTGTAATTTGTTTAAGTTCCTTGATAGATGCTGGATATTAGACCTT  
 TGTCAGATGGATAGAGTGCAAAAATTTTCTCCCATTTCTGTAGGTTGTGGGTTTACTCT  
 GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTAATTAGATCCCATTGTG  
 AATTTTGGCTTTTGTGCAATTGCTTTTGGCATCTTCGTCATGAAATCTTTGCCCTTG  
 CCTGTGTCCTGAATGGCATTGCCTAGGTTTTCTTCCAGGATTTTTATAGTTTTGGGT  
 GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGTATATGGGTAAAGGAAGGG  
 GCCCGTTTTCAATTTGCTGCAAATGGCTAGCCAGTTCTCCCAGCACCATTTATTAAATA  
 GGAATCTTTTCCCATTTGCTTCCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA  
 GGTGTGTGGTCTTATTTCTGGGTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC  
 TGTACCACCACCTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT  
 AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGTCTTGGCTATTTGGGCTC  
 TTTTTTGGTTCCATATGAATTTTAAAATAGCTTTTTCTAGGTCTGTAAAGAATGTGAA  
 TAGTAGTTTAATGGGCCTAGCATTTAATTTACAGATTGCCTTGGGCAGTGTGGTCATT  
 TTCACGATATTGATCCTTCCTGTCTGTGAGCATATGTTTT**TTCCATTTGTTTGTGTCAT**  
**CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT**  
**TGTTAGCTGTATTCCCTAGATATTATACTCTTCTTGTCGCAATTGTGAATGGGAGTTAA**  
 TTCATGAGTTTTCTCTCGGCTTGCTGTTGTTGGTGTATAGGAATGCTAGTGACTTTT  
 GCACATTGATTTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAGTTTT  
 TGAGCTGAGATGATGGAGTTTTCTAGATATAGGATCATATCATCTGCAAACAAAGATA  
 GTTTGACTTCCTGTCTTCCTATTTGAATAGCTTTTCTTTCTTTCTTGCCTGATTGC  
 CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

**GAM 27****FIG. 23B**

1 2 3 4 5 6 7



←EST

←130nt

←22nt

**GAM27**